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What is claimed is:

1 Sub A,>1.	A locking system, comprising:
2	a base lock member moveable between a first position and a second position;
3	a first input device; and
4	an activation device,
5	wherein the base lock member is moveable between a first position and a second
6 position in re	sponse to actuation of the first input device, and the base lock member is
7 prevented from	moving from a first position to a second position when the activation device is
8 not activated	
1 2.	The locking system of Claim 1 further comprising:
2	at least one secondary lock member having a first position and a second
3 position.	and the state of t
1 Sub Az > 3.	The locking system of Claim 2 wherein the at least one secondary lock member
2 is moveable b	petween a first position and a second position in response to actuation of the first
3 input device.	
12	
1 A.	The locking system of Claim wherein the at least one secondary lock member
2 is prevented i	from moving from a first position to a second position when the activation device
3 is not activate	ed.
1 5 .	The locking system of Claim further comprising:
2	a latch,
3	wherein the latch moves in response to actuation of the first input device.
1546 As > 6.	The locking system of Claim 2 further comprising:
2	a second input device,
3	wherein the at least one secondary lock member is moveable between a first
1 mosition and	a second position in response to setuation of the second input device

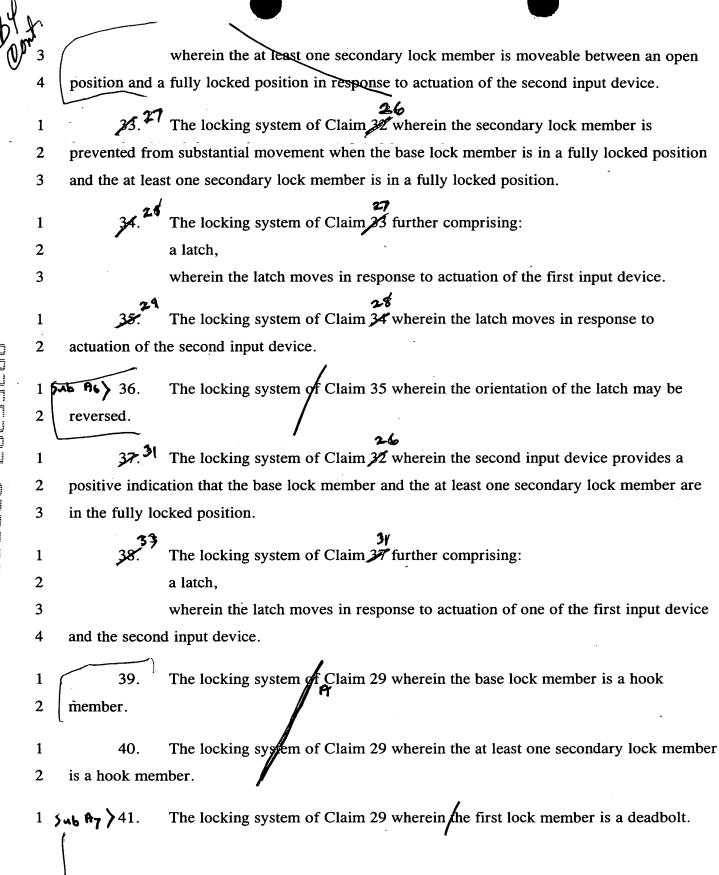
/		/
1/	7.	The locking system of Claim 6 further comprising:
2		a passive lock device, the passive lock device including
3		at least one passive lock member, moveable from a first position to a second
4	position.	
1	8/14	The locking system of Claim, wherein the at least one passive lock member
2	moves in resp	conse to movement of the base lock member.
1 .	p. 15	The locking system of Claim, wherein the passive lock device further
2	comprises:	·
3		a passive input device,
4		wherein the at least one passive lock member moves in response to actuation of
5	the passive in	iput device.
15	b Ay > 10.	The locking system of Claim 9 wherein the passive lock prevents movement of
2	the base lock	member from a first position to a second position when the at least one passive
3	lock member	is in a first position.
1	11.	The locking system of Claim 10 wherein the passive input device is prevented
2	from substant	tial movement caused by interaction with the base lock member, when the base
3	lock member	is in a second position and the at least one passive lock member is in a second
4	position.	
1	12.	The locking system of Claim 6 wherein the at least one secondary lock member
2	is prevented f	from moving from a first position to a second position when the activation device
3	is not activate	ed.
1	13.	The locking system of Claim 12 wherein the at least one secondary lock member
2 . 7	-	from substantial movement from a second position when the base lock member is
3	in a second p	osition.
1		•

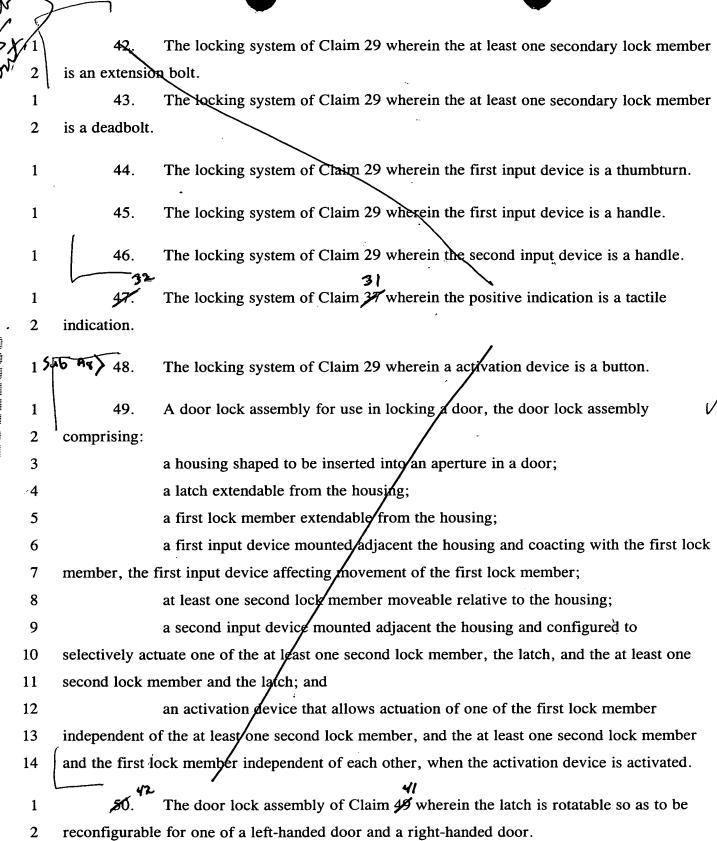
\ 1	14.	The locking system of Claim 13 wherein the second input device provides a
2	positive indic	cation, to an operator, that both the base lock member and the at least one
() 3	secondary lo	ck member are in their respective second positions.
1	15.	The locking system of Claim/14 further comprising:
$\int_{0}^{\infty} 2$		a latch moveable from a first position to a second position.
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1	16.27	The locking system of Claim 15 wherein the latch is moveable in response to
2	actuation of t	he first input device.
1	17.20	The locking system of Claim 15 wherein the latch is moveable in response to
2	actuation of t	he second input device.
1	546 Ar > 18.	The locking system of Claim 2 wherein the second position of the base lock
2		fully extended position.
2	v member is a	numy extended position.
1	19.	The locking system of Claim 2 wherein the second position of the at least one
2	secondary lo	ck member is a fully extended position.
	20	
1	20.	The locking system of Claim 2 wherein the first lock member is a deadbolt.
1	21.	The locking system of Claim 2 wherein the at least one secondary lock member
2	is an extension	on bolt.
1	22.	The locking system of Claim 2 wherein the secondary lock member is a
2	deadbolt.	
1	22	The leaking eventors of Claim 2 wherein the first input device is a thumbturn
1	23.	The locking system of Claim 2 wherein the first input device is a thumbturn.
1	24.	The locking system of Claim 2 wherein the first input device is a handle.
1	25.	The locking system of Claim 2 wherein the second input device is a handle.
1	26.	The locking system of Claim 2 wherein a activation device is a button.

1	27.	The locking system of Claim 13 wherein the locking system provides positive
2	tactile indicat	tion that the base lock member and the at least one secondary lock members are
3	both in a seco	ond position.
1	28.	A locking system comprising:
2		a base lock member moveable between an open position and a fully locked
3	position; and	
4	•	at least one secondary lock member moveable between an open position and a
5	fully locked p	position;
6		a first input device adapted to coact with at least one of the base lock member
7	and the at lea	st one secondary lock member,
8		wherein the movement of the base lock member, to the fully locked position, is
9	selectively an	nd sequentially independent of the movement of the at least one secondary lock
10	member to th	ne fully locked position.
1	29.	The locking system of Claim 28 further comprising:
2		an activation device,
3		wherein the activation device prevents substantial movement of the at least one
4	secondary loc	ck member from the open position when the activation device is not activated.
1	30.	The locking system of Claim 28 further comprising:
2		an activation device,
3		wherein the activation device prevents substantial movement of the base lock
4	member from	the open position when the activation device is not activated.
1	31.	The locking system of Claim 30 wherein the activation device prevents
2	substantial m	ovement of the at least one secondary lock member from the open position when
3	the activation	device is not activated.
)	32.	The locking system of Claim 31 further comprising:
/2	•	a second input device

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	43	41,
1	51.	The door lock of Claim 49 wherein the first lock member can be extended and
2	retracted from	the housing, independent of movement of the at least one second lock member.
1	52.	The door lock assembly of Claim further comprising at least one extension
2	member coupl	ed to the at least one second lock member.
1	53.17	The door lock assembly of Claim 32 wherein the at least one extension member
2	may be couple	ed to the at least one second lock member in at least two different positions, the a
3	least two diffe	rent positions of the at least one second lock member defining at least two
4	different confi	gurations.
	48	The door lock assembly of Claim 49 wherein the activation device may be used
1	5A.	The door lock assembly of Claim 49 wherein the activation device may be used
2	with one of a	left-handed door and a right-handed door.
1	49 85.	The door lock assembly of Claim 45 wherein the activation device is removable
2	such that the a	it least one second lock member and the first lock member may be actuated
3	without the us	e of the activation device, when the activation device is removed.
	50	41
1	<i>, 5</i> 6.	The door lock assembly of Claim W wherein the second input device must be
2	rotated less th	an forty-five (45) degrees to fully actuate at least one of the latch and the at least
3	one second loc	ck member.
1	51 51.	The door lock assembly of Claim 45 wherein the second input device is
2	prevented from	n rotation in one direction when the at least one second lock member is extended
3	and the first lo	ock member is extended.
	52	4/
1	<i>5</i> 8.	The door lock assembly of Claim 49 wherein the at least one second lock
2	member and the	ne first lock member each move linearly at least one (1) inch.
1	53	The door lock assembly of Claim # wherein the at least one second lock
2	member include	des a first extension member base and a second extension member base, the
3	second extens	ion member base coacting with the second input device and the first extension

5	mechanism.
1	The door lock assembly of Claim 49 wherein the first lock member and the at
2	least one second lock member are prevented from being extended when the activation device is
3	extended.
1	The door lock assembly of Claim 52 wherein the at least one extension member
2	extends through at least one second lock member aperture, the at least one second lock member
3	aperture extending through the interior of the door.
1	52. The door lock assembly of Claim 52 wherein each of the at least one second
. 2	lock member and the at least one extension member are integrated into a single extension
3	member unit.
1	A lock assembly for securing a door in a door frame, the door having a top
2	edge, a bottom edge opposite the top edge, a first edge and a second edge opposite the first
3	edge, the door being movably coupled to the frame, the lock assembly comprising:
4	a housing shaped to be inserted into an aperture in the door;
5	a latch moveable through a latch aperture in the housing, the latch aperture
6	being located along the first edge of the door;
7	a deadbolt moveable through a deadbolt aperture in the housing, the deadbolt
8	aperture being located along the first side edge of the door;
9	a thumbturn rotatably mounted adjacent the housing and coacting with the
10	deadbolt, the thumbturn affecting movement of the deadbolt;
11	a first lock member moveable relative to the housing;
12	a second lock member proveable relative to the housing; and
13	an activation device that allows actuation of one of the deadbolt independent of
14	the first and second lock members, the first and second lock members and the deadbolt
15	independent of each other, and the first and second lock members and the deadbolt dependent
16	with each other, when the activation device is activated.

member base coacting with the second extension member base by a motion reversing



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	1	154.	The lock assembly of Claim 65 wherein the thumbturn affects movement of the	
	2	first lock mem	ber, the second lock member, and the deadbolt.	
		157	The lock assembly of Claim 3 further comprising:	
	1	/8 5.		
	2		a device rotatably mounted adjacent the housing and configured to selectively	
	3	actuate the firs	at and second lock members and the latch.	
	1	58 6 6 .	The lock assembly of Claim 3 further comprising:	
	2		a first extension member detachably coupled to a first lock member; and	
	3		a second extension member detachably coupled to a second lock member,	
	4		wherein the first extension member and the second extension member are	
	5	moveable with	the first lock member and the second lock member.	
	1	sub A11 > 67.	The lock assembly of claim 66 further comprising:	
u N	2		a first edge plate coupled to the first edge of the door and substantially	
ī U	3	concealing the	first extension member from view; and	
J	4		a second edge plate coupled to the first edge of the door and substantially	
	5	concealing the	second extension member from view,	
]	6	J	wherein the first extension member is slidably coupled to the first edge plate and	
1	7	is extendable b	beyond the edge of the door by actuation of the first lock member and the second	
Vicil Vied Vici	8	extension member is slidably coupled to the second edge plate and is extendable beyond the		
	9		or by actuation of the second lock member.	
	1	68.	The lock assembly of Claim 66 wherein the first extension member extends	
	2	through a first	extension aperture in the door extending from the edge of the door to the lock	
	3	aperture and the	ne second extension member extends through a second extension aperture in the	
	4	door extending	g from the edge of the door to the lock aperture.	
	1	69.	The door lock assembly of Claim 63 wherein the latch is turnable so as to be	
	2	reconfigurable	for one of a left-handed door and a right-handed door.	
	1	7Ò.	The door lock of Claim 63 wherein the deadbolt can be extended and retracted	
	2	through the de	adbolt aperture independent of movement of the first and second lock members.	
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1	A 69	The door lock assembly of Claim & wherein the activation device is useable	
2	with one of a	left-handed door and a right-handed door.	
1	72.69	The door lock assembly of Claim & wherein the activation device is removable	
2	such that the	first and second lock members and the deadbolt may be actuated without the use	
3	of the activat	ion button.	
1		The door lock assembly of Claim 63 wherein the drive must be rotated less than	
2	forty-five (45	i) degrees to fully actuate the latch and the first and second extension members.	
1	74.	The door lock assembly of Claim 63 wherein the drive is prevented from	
2	rotation in on	ne direction when the deadbolt is extended and the first and second lock members	
3	are extended.		
1	75.	The door lock assembly of Claim 68 wherein the first and second lock members	
2	and the deadh	oolt each move linearly at least one (1) inch.	
1	76.	The door lock assembly of Claim 66 wherein the second lock member coacts	
2	with the drive	e and the first lock member coacts with the second lock member by a motion	
3 reversing mechanism.			
1	71.69	The lock assembly of Claim 63 wherein the latch is substantially made of a	
2 polyester resin.			
1	70 78.	The lock assembly of Claim 63 wherein the thumbturn affects substantially	
2 linear movement of the deadbolt.			
15	b And 79.	The lock assembly of Claim 63 further comprising:	
2	1	a second door in the door frame, the second door having a passive lock.	
1	80.	The lock assembly of Claym 63 wherein the passive lock includes	
2		at least one extension member to secure the passive door to the door frame when	
3	the extension	member is extended; and	

4	/	a blocking member preventing extension of the deadbolt when the at least one
5	extension me	mber of the passive lock is retracted.
1	81.	A lock assembly for securing a door in a door frame, the door having a first
2	edge and a se	econd edge opposite the first edge, the door being movably coupled to the frame,
3 .		mbly comprising:
4		a housing shaped to be inserted into an aperture in the door;
5		a latch moveable through a latch aperture in the housing, the latch aperture
6	being located	along the first edge of the door;
7		a deadbolt moveable through a deadbolt aperture in the housing, the deadbolt
8	aperture bein	g located along the first edge of the door;
9		a first input device mounted adjacent the housing and coacting with the
10	deadbolt, the	first input device affecting movement of the deadbolt;
11		at least one lock member moveable within the housing;
12		a second input device mounted adjacent the housing and configured to
13	selectively ac	tuate one of the at least one lock member, the latch, and the at least one lock
14	member and	the latch:/and
15		wherein the deadbolt and the at least one lock member may be selectively
16	extended inde	ependently of one another.
ا	75	73
1	<i>%</i> Z.	The lock assembly of Claim & wherein the substantial movement of the second
2	•	is prevented when the deadbolt and the at least one lock member is substantially
3	extended.	
1	7 4 <i>§</i> 3.	The lock assembly of Claim & wherein the deadbolt and the at least one lock
2	member may	be selectively fully extended independently of one another.
1	76 84.	The lock assembly of Claim & wherein the deadbolt and the at least one lock
2	member may	be selectively fully extended independently of one another in any sequence.

1 %	hub A15>85.	A lock assembly for securing a door frame, the door having a first
2	edge and a se	econd edge opposite the first edge, the door being movably coupled to the frame,
3	the lock asser	mbly comprising:
4	-	a housing shaped to be inserted into an aperture in the door;
5		a latch moveable through a latch aperture in the housing, the latch aperture
6	being located	along the first edge of the door;
7		a deadbolt moveable through a deadbolt aperture in the housing, the deadbolt
8	aperture bein	g located along the first edge of the door;
9		a first input device mounted adjacent the housing and coacting with the
10	deadbolt, the	first input device affecting movement of the deadbolt;
11	•	a second input device mounted adjacent the housing and configured to
12	selectively ac	tuate the latch; and
13		an activation device, that allows actuation of the deadbolt when the activation
14	device is acti	vated.
1	86.	The lock assembly of Claim 85 wherein substantial movement of the second
2	input device	is prevented when the deadbolt is substantially extended.
1	87.	A method of multi-point locking a door in a door frame, the method comprising:
2		closing the door such that an activation device is activated;
3		releasing a first lock member from a held position, caused by interaction of the
4	activation but	tton with a stop;
5		extending the first lock member;
6		releasing the secondary lock members from a held position, caused by
7	interaction of	the activation button with a stop; and
8		extending the secondary lock members.
1	88.	The method of multi-point locking a door in a door frame according to Claim 87
2	wherein the r	eleasing a first lock member step and the releasing the secondary lock members
3	step are subs	tantially simultaneous.

1	89.	A method of multi-point locking a double door in a door frame, the double door
2	including a p	assive door having a passive lock and an active door having an active lock, the
3	method comp	orising:
4		closing the passive door;
5		extending lock members of the passive door;
6		opening a first lock member aperture in the passive lock;
7		closing the active door, such that an activation device is activated;
8		releasing a first lock member from a held position, caused by interaction of the
9	activation but	tton with a moveable stop;
10		extending the first lock member;
11		releasing the secondary lock members of the active door from a held position;
12	and	
13		extending the secondary lock members of the active door.
1	Sub A16>90.	In a lock assembly for securing a door in a door frame, the door having a first
2	•	cond edge opposite the first edge, the door being movably coupled to the frame,
3	_	mbly comprising:
4		a housing shaped to be inserted into an aperture in the door;
5		a latch moveable through a latch aperture in the housing, the latch aperture
6	being located	along the first edge of the door
7	J	a deadbolt moveable through a deadbolt aperture in the housing, the deadbolt
8	aperture bein	g located along the first edge of the door;
9	-	a thumbturn rotatably mounted adjacent the housing and coupled to the deadbolt,
10	the thumbturi	n affecting movement of the deadbolt;
11		at least one secondary lock member moveable relative to the housing;
12		a drive rotatably mounted adjacent the housing and configured to selectively
13	actuate the at	least one secondary lock member and the latch; and
14		the improvement comprising:

15	an activation device that allows actuation of one of the deadbolt independent of	
16	the at least one secondary lock member, the at least one secondary lock member and the	
17	deadbolt independent of each other, when the activation device is depressed.	
1	91. A door lock assembly for securing a door in a door frame, the door lock	
2	assembly comprising:	ı
3	a housing shaped to be inserted into an aperture in the door;	
4	a latch extendable from the housing;	
5	a first lock member extendable from the housing;	
6	a second lock member moveable relative to the housing;	
7	a drive means to selectively actuate one of the first lock member, the second	
8	lock member, and the first lock member and the second lock member; and	
9	a lock out means that prevents actuation of one of the first lock member	
10	independent of the second lock member, and the first lock member and the second lock	
11	member independent of each other, when the lock out means is not activated.	
1	92. A locking system comprising:	
2	a base lock member moveable between an open position and a fully locked	
3	position;	
4	at least one secondary lock member moveable between an open position and a	
5	fully locked position;	
6	a first input device adapted to coact with at least one of the base lock member	
7	and the at least one secondary lock member,	
8	wherein the movement of the base lock member is selectively and sequentially	
9	independent of movement of the at least one secondary lock member and the at least one	
10	secondary lock member is prevented from substantial movement when the base lock member	
11	and the at least one secondary lock member are in their locked positions.	